RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: _10/811,244_

Source: _TWO_

Date Processed by STIC: _10/29/04_

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FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

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http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

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1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , EFS Submission User Manual - ePAVE)
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Revised 05/17/04

IFWO

RAW SEQUENCE LISTING   DATE: 10/29/2004
PATENT APPLICATION: US/10/811,244   TIME: 11:58:18

Input Set : A:\U0151059.ST25.txt
Output Set: N:\CRF4\10292004\J811244.raw

```
 3 <110> APPLICANT: Khanuja, Suman Preet Singh
 4        Paul, Shilpi
 5        Shasany, Ajit Kumar
 6        Gupta, Anil Kumar
 7        Darokar, Mahendra Pandurang
 9 <120> TITLE OF INVENTION: HIGH ARTEMISININ YIELDING PLANT GENOTYPE 'CIM-AROGYA'
11 <130> FILE REFERENCE: U 015108-9
13 <140> CURRENT APPLICATION NUMBER: 10/811,244
14 <141> CURRENT FILING DATE: 2004-03-26
16 <160> NUMBER OF SEQ ID NOS: 23
18 <170> SOFTWARE: PatentIn version 3.3
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 10
22 <212> TYPE: DNA
23 <213> ORGANISM: Artificial
25 <220> FEATURE:
26 <223> OTHER INFORMATION: MAP Primer
28 <400> SEQUENCE: 1
29 aaatcggagc                                          10
32 <210> SEQ ID NO: 2
33 <211> LENGTH: 10
34 <212> TYPE: DNA
35 <213> ORGANISM: Artificial
37 <220> FEATURE:
38 <223> OTHER INFORMATION: MAP Primer
40 <400> SEQUENCE: 2
41 gtcctactcg                                          10
44 <210> SEQ ID NO: 3
45 <211> LENGTH: 10
46 <212> TYPE: DNA
47 <213> ORGANISM: Artificial
49 <220> FEATURE:
50 <223> OTHER INFORMATION: MAP Primer
52 <400> SEQUENCE: 3
53 gtccttagcg                                          10
56 <210> SEQ ID NO: 4
57 <211> LENGTH: 10
58 <212> TYPE: DNA
C--> 59 <213> ORGANISM: Aritificial
W--> 61 <220> FEATURE:
W--> 61 <223> OTHER INFORMATION:
W--> 61 <400> 4
62 tgcgcgatcg                                          10
```

[Handwritten annotations:] (ps. 1–2)

Artificial

pls insert, <220> – <223> whenever <213> response is Artificial/Unknown.

See error explanation on page 6.

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PATENT APPLICATION: US/10/811,244   TIME: 11:58:18

Input Set : A:\U0151059.ST25.txt
Output Set: N:\CRF4\10292004\J811244.raw

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      66 <211> LENGTH: 10
      67 <212> TYPE: DNA
      68 <213> ORGANISM: Artificial
      70 <220> FEATURE:
      71 <223> OTHER INFORMATION: MAP Primer
      73 <400> SEQUENCE: 5
      74 aacgtacgcg                                                    10
      77 <210> SEQ ID NO: 6
      78 <211> LENGTH: 10
      79 <212> TYPE: DNA
C-->  80 <213> ORGANISM: Aritificial
W-->  82 <220> FEATURE:
W-->  82 <223> OTHER INFORMATION:
W-->  82 <400> 6
      83 gcacgccgga                                                    10
      86 <210> SEQ ID NO: 7
      87 <211> LENGTH: 10
      88 <212> TYPE: DNA
C-->  89 <213> ORGANISM: Aritificial
W-->  91 <220> FEATURE:
W-->  91 <223> OTHER INFORMATION:
W-->  91 <400> 7
      92 caccctgcgc                                                    10
      95 <210> SEQ ID NO: 8
      96 <211> LENGTH: 10
      97 <212> TYPE: DNA
C-->  98 <213> ORGANISM: Aritificial
W--> 100 <220> FEATURE:
W--> 100 <223> OTHER INFORMATION:
W--> 100 <400> 8
     101 ctatcgccgc                                                    10
     104 <210> SEQ ID NO: 9
     105 <211> LENGTH: 10
     106 <212> TYPE: DNA
     107 <213> ORGANISM: Artificial
     109 <220> FEATURE:
     110 <223> OTHER INFORMATION: MAP Primer
     112 <400> SEQUENCE: 9
     113 cgggatccgc                                                    10
     116 <210> SEQ ID NO: 10
     117 <211> LENGTH: 10
     118 <212> TYPE: DNA
     119 <213> ORGANISM: Artificial
     121 <220> FEATURE:
     122 <223> OTHER INFORMATION: MAP Primer
     124 <400> SEQUENCE: 10
     125 gcgaattccg                                                    10
     128 <210> SEQ ID NO: 11
```

[Handwritten annotations:]
Artificial — Insert
Artificial — Insert
Artificial — Insert
See error explanation on page 6.

RAW SEQUENCE LISTING   DATE: 10/29/2004
PATENT APPLICATION: US/10/811,244   TIME: 11:58:18

Input Set : A:\U0151059.ST25.txt
Output Set: N:\CRF4\10292004\J811244.raw

```
129 <211> LENGTH: 10
130 <212> TYPE: DNA
131 <213> ORGANISM: Artificial
133 <220> FEATURE:
134 <223> OTHER INFORMATION: MAP Primer
136 <400> SEQUENCE: 11
137 ccctgcaggc                                              10
140 <210> SEQ ID NO: 12
141 <211> LENGTH: 10
142 <212> TYPE: DNA
143 <213> ORGANISM: Artificial
145 <220> FEATURE:
146 <223> OTHER INFORMATION: MAP Primer
148 <400> SEQUENCE: 12
149 ccaagcttgc                                              10
152 <210> SEQ ID NO: 13
153 <211> LENGTH: 10
154 <212> TYPE: DNA
155 <213> ORGANISM: Artificial
157 <220> FEATURE:
158 <223> OTHER INFORMATION: MAP Primer
160 <400> SEQUENCE: 13
161 gtgcaatgag                                              10
164 <210> SEQ ID NO: 14
165 <211> LENGTH: 10
166 <212> TYPE: DNA
167 <213> ORGANISM: Artificial
169 <220> FEATURE:
170 <223> OTHER INFORMATION: MAP Primer
172 <400> SEQUENCE: 14
173 aggatacgtg                                              10
176 <210> SEQ ID NO: 15
177 <211> LENGTH: 10
178 <212> TYPE: DNA
179 <213> ORGANISM: Artificial
181 <220> FEATURE:
182 <223> OTHER INFORMATION: MAP Primer
184 <400> SEQUENCE: 15
185 aagatagcgg                                              10
188 <210> SEQ ID NO: 16
189 <211> LENGTH: 10
190 <212> TYPE: DNA
191 <213> ORGANISM: Artificial
193 <220> FEATURE:
194 <223> OTHER INFORMATION: MAP Primer
196 <400> SEQUENCE: 16
197 ggatctgaac                                              10
200 <210> SEQ ID NO: 17
201 <211> LENGTH: 10
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RAW SEQUENCE LISTING   DATE: 10/29/2004
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Input Set : A:\U0151059.ST25.txt
Output Set: N:\CRF4\10292004\J811244.raw

```
202 <212> TYPE: DNA
203 <213> ORGANISM: Artificial
205 <220> FEATURE:
206 <223> OTHER INFORMATION: MAP Primer
208 <400> SEQUENCE: 17
209 ttgtctcagg                                                      10
212 <210> SEQ ID NO: 18
213 <211> LENGTH: 10
214 <212> TYPE: DNA
215 <213> ORGANISM: Artificial
217 <220> FEATURE:
218 <223> OTHER INFORMATION: MAP Primer
220 <400> SEQUENCE: 18
221 catcccgaac                                                      10
224 <210> SEQ ID NO: 19
225 <211> LENGTH: 10
226 <212> TYPE: DNA
227 <213> ORGANISM: Artificial
229 <220> FEATURE:
230 <223> OTHER INFORMATION: MAP Primer
232 <400> SEQUENCE: 19
233 ggactccacg                                                      10
236 <210> SEQ ID NO: 20
237 <211> LENGTH: 10
238 <212> TYPE: DNA
239 <213> ORGANISM: Artificial
241 <220> FEATURE:
242 <223> OTHER INFORMATION: MAP Primer
244 <400> SEQUENCE: 20
245 agcctgacgc                                                      10
248 <210> SEQ ID NO: 21
249 <211> LENGTH: 932
250 <212> TYPE: DNA
251 <213> ORGANISM: Artificial
253 <220> FEATURE:
254 <223> OTHER INFORMATION: MAP Primer
256 <400> SEQUENCE: 21
257 aagcttgctg aacgcatcgg tgttactgcc gcagcccgtg aactcagcct gtatgaatca   60
259 caactctaca actggcgcag taaacagcaa aatcagcaga cgtcttctga acgtgaactg  120
261 gagatgtcta ccgagattgc acgtctcaaa cgccagctgg cagaacggga tgaagagctg  180
263 gctatcctcc aaaaggccgc gacatacttc gcgaagcgcc tgaaatgaag tatgtcttta  240
265 ttgaaaaaca tcaggctgag ttcagcatca aagcaatgtg ccgcgtgctc cgggtggccc  300
267 gcagcggctg gtatacgtgg gtgtcagcgg cggacaagga taagcccgcg taagcagttc  360
269 cgccaacact gcacaggggg ttgtctcgcg ggttttaccc cgggtcaaac aagcgttacc  420
271 ggtgccccac gcttgaccgg atgacctgcg gtgctcaggg ttacccttta acgtaaaaaa  480
273 cccgtggcgg caagcttgcc cggtcaggga ctgaaggcaa aggcctcccg gaagttcagc  540
275 ccggtcagct accgcggcac acgggcctgc ctgtgtcaga aaatctgttg gagcaggatt  600
277 tttacgccca gtggcccgaa ccagaagtgg gcaggagaca tcacgtactt acgtacagat  660
279 gaaggctggc tgtatctggc agtggtcatt gacctgtggt cacgtgccgt tattggctgg  720
```

RAW SEQUENCE LISTING
PATENT APPLICATION: **US/10/811,244**

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TIME: 11:58:18

Input Set : **A:\U0151059.ST25.txt**
Output Set: **N:\CRF4\10292004\J811244.raw**

```
281 tcaatgtcgc cacgcatgac ggcgcaactg gcctgcgatg ccctgcagat ggcgctgtgg    780
283 cggcgtaaga ggccccggaa cgttatcgtt cacacggacc gtggaggcca gtactgttca    840
285 gcagattatc aggcgcaact gaagcggcat aatctgcgtg gaagtatgag cgcaaaaggt    900
287 tgctgctacg ataatgcctg cgtggaaagc tt                                  932
290 <210> SEQ ID NO: 22
291 <211> LENGTH: 22
292 <212> TYPE: DNA
293 <213> ORGANISM: Artificial
295 <220> FEATURE:
296 <223> OTHER INFORMATION: MAP Primer
298 <400> SEQUENCE: 22
299 ccaagcttgc tgaacgcatc gg                                             22
302 <210> SEQ ID NO: 23
303 <211> LENGTH: 26
304 <212> TYPE: DNA
305 <213> ORGANISM: Artificial
307 <220> FEATURE:
308 <223> OTHER INFORMATION: MAP Primer
310 <400> SEQUENCE: 23
311 ccaagcttgc cacgcagggc attatc                                         26
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 10/29/2004
PATENT APPLICATION: US/10/811,244   TIME: 11:58:19

Input Set : A:\U0151059.ST25.txt
Output Set: N:\CRF4\10292004\J811244.raw

Invalid <213> Response:
Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,5,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23

Use of <220> Feature(NEW RULES): *Error Explanation! ✓*
Sequence(s)__are missing the <220> Feature and associated headings.
Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence"
or"Unknown". Please explain source of genetic material in <220> to <223>
section (See "Federal Register," 6/01/98, Vol. 63, No. 104,pp.29631-32)
(Sec.1.823 of new Rules)

Seq#:4,6,7,8

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/811,244

DATE: 10/29/2004
TIME: 11:58:19

Input Set : A:\U0151059.ST25.txt
Output Set: N:\CRF4\10292004\J811244.raw

```
L:59 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:4
L:61 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:4, <213>
ORGANISM:Artificial Sequence
L:61 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:4, <213>
ORGANISM:Artificial Sequence
L:61 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:4,Line#:61
L:80 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6
L:82 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:6, <213>
ORGANISM:Artificial Sequence
L:82 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:6, <213>
ORGANISM:Artificial Sequence
L:82 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:6,Line#:82
L:89 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7
L:91 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:7, <213>
ORGANISM:Artificial Sequence
L:91 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:7, <213>
ORGANISM:Artificial Sequence
L:91 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:7,Line#:91
L:98 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:8
L:100 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:8, <213>
ORGANISM:Artificial Sequence
L:100 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:8, <213>
ORGANISM:Artificial Sequence
L:100 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:8,Line#:100
```